

I CLAIM:

1. A wireless router device comprising:

a processor unit,

a wireless transmission circuit coupled to said processor unit,

5 for transmitting wireless signals to and from said processor unit,

and for communicating with various network systems,

a GPRS transmission circuit coupled to said processor unit, for transmitting GPRS signals to and from said processor unit, and for communicating with GPRS systems,

10 a network device coupled to said processor unit, for communicating said processor unit with end users,

said wireless transmission circuit and said GPRS transmission circuit and said network device being communicatable with each other via said processor unit, to allow end users to couple and share
15 information from the network systems and the GPRS systems.

2. The wireless router device as claimed in claim 1 further comprising a first antenna coupled to said wireless transmission circuit, and a second antenna coupled to said GPRS transmission circuit for communicating said processor unit with the network
20 systems and the GPRS systems.

3. The wireless router device as claimed in claim 1, wherein said network device includes a plurality of couplers for communicating with various end users.

4. The wireless router device as claimed in claim 1 further
25 comprising a second network device coupled to said processor unit, for communicating said processor unit with various network systems.